

# Lai Zhen 黎臻

## Cyber Security Graduate | CEH Master

### PERSONAL INFO

Website	<a href="http://lz.ryzh3n.com">lz.ryzh3n.com</a>	Phone (SG)	+65-8515 8535 (WhatsApp)
LinkedIn	<a href="https://linkedin.com/in/laizhen828/">linkedin.com/in/laizhen828/</a>	Phone (MY)	+60-11 2124 4556
Email	rinkk828@gmail.com	Nationality	Malaysian

- A Cyber Security University graduate from APU with CEH certifications. Seeking a position related to Penetration Tester/Security Analyst to develop security architectural techniques and mitigate cyber risks.
- Dedicated, resourceful, detail-oriented and enjoy learning in a dynamic environment. Currently in preparation for the **OSCP** certification.
- Enjoys continual learning by solving CTF challenges on HackTheBox - check out my write-ups [here](#).

### PROFESSIONAL CERTIFICATIONS

#### Certified Ethical Hacker (CEH) Master

**Ranked world top-10 in CEH Leaderboard in Q4-2022**

Validity: 2022 – 2025

Issued By: EC-Council

Certification No.: ECC2794635810 (CEH)

Certification No.: ECC2945713806 (CEH Practical)

### EDUCATION

#### BSc (Hons) Cyber Security

Apr 2019 – Sep 2022 | **First Class Honours**

Asia Pacific University (APU), Malaysia

Staffordshire University (SU), UK

#### Key Modules Studied:

- Ethical Hacking
- Networking
- Image Processing & Computer Vision
- Biometrics
- Malicious Software & Security Programming

#### Electrical & Electronics

2016 - 2018

Foon Yew High School, Kulai

#### Key Modules Studied:

- Electrical & Electronics Fundamentals
- Assembly on Intel 8051 Microchip
- Hardware & Circuits
- Digital Logic
- Arduino
- Visual Basic

### SKILLS

<b>Vulnerability Assessment:</b>	Nessus, Nikto, Wireshark
<b>Regulatory Compliance:</b>	ISO 27001
<b>Security Architectures:</b>	PKI, PGP, RSA, Digital Signature
<b>Offensive Security:</b>	Kali Linux, Metasploit, Nmap, Hydra, Gobuster, Wfuzz, Sqlmap, Dig, Enum4linux, Burpsuite, JohnTheRipper, Hashcat
<b>Network &amp; Systems:</b>	Linux OS, DNS, AWS, MySQL, VPN, HTTP, SSL
<b>Programming &amp; Scripting:</b>	Python, Bash, Javascript, HTML, PHP, C++

## ACCOMPLISHED PROJECTS

### Employee Management System with Face Recognition Technology (2022)

- Final Year Project of my degree.
- Web-based system in Python (Flask Framework)
- Full stack development using HTML & Javascript (Bootstrap & Ajax) as Frontend, Python (RESTful API & Flask) as Backend, MySQL as DB.
- Implemented web security features such as configuring response headers, API rate limiting, CSRF, XSS, and SQL Injection prevention.

### Setting up my own Portfolio Website (2022) – <https://lz.ryzh3n.com>

- Server hosted on an AWS EC2 instance hosting AL2.
- Configured DNS records to proxy behind CloudFlare to mitigate DDOS attacks.
- Use of EmailJS to receive enquiries from visitors.
- SSL configured in all subdomains.

## WORK EXPERIENCE

### Game Developer

May 2020 – December 2021 | **Self Employed**

- Managed a publicly-available server running Java applications including monitoring, maintenance, troubleshooting, and basic security (authentication control).
- In use of several technologies such as DNS, Linux, Bash scripting, SSH, SFTP, virtual hosting, and YML.
- Responsible for managing resources, developing plugins, planning events, gameplay design, and texture drawing.

### IT Support Intern

Apr 2021 – July 2021 | **X Net Sdn. Bhd.**

- Providing technical support to customers ranging from network, software to hardware based problems via phone calls and on premises.
- Installation and configuration of accounting software (AutoCount) and database server (MySQL).
- Building up PCs, from hardware installation to required OS and programs.
- Troubleshoot network issues while installing network-relying devices.

## ACHIEVEMENTS

### Represented APU eSports Club to Chengdu, China

- AOC Battle of the Visionaries 2019 - Consolation Prize

### Others

- Electrical & Electronics Creativity Competition 2018 (Foon Yew High School) - 3rd Place
- Electrical & Electronics Creativity Competition 2017 (Foon Yew High School) - 2nd Place
- Singapore Raffles Int'l Music Festival Music Competition 2017 - Silver Award - Cellist
- EuroAsia Strings Competition 2017 - Gold Medal - Cellist
- ABRSM Piano Performance 2016 - Grade 7

## LANGUAGES

- **Chinese** ●●●●●●
- **English** ●●●●○
- **Malay** ●●●○○
- **Cantonese** ●●●○○
- **Japanese** ●●○○○



**Lai Zhen**

has been awarded

**Bachelor of Science with Honours  
First Class**

having followed an approved programme of study in

**Cyber Security**

15 September 2022

Lord Stafford  
Chancellor



Professor Martin Jones  
Vice-Chancellor

# EC-Council

Certification Number



## Certified Ethical Hacker

This is to acknowledge that

has successfully completed all requirements and criteria for

certification through examination administered by EC-Council

Issue Date:

Expiry Date:



#0732  
ISO/IEC 17024  
Personnel Certification Program

A handwritten signature in white ink, appearing to read 'Sanjay Bavisi', positioned above a thin horizontal line.

Sanjay Bavisi, President



THIS IS TO ACKNOWLEDGE THAT


IS AWARDED THE "CERTIFIED ETHICAL HACKER (PRACTICAL)" CERTIFICATION FOR COMPLETING THE RIGOROUS CHALLENGES GIVEN IN THE STIPULATED TIME.

ISSUE DATE:

EXPIRY DATE:

CERTIFICATION NUMBER

**EC-Council**

  
Sanjay Bavisi, President